Quick Installation Guide of Acer WLAN 11b Broadband Router

Preparation

1 At lease one PC with IEEE802.11b WLAN client installed.

2 One straight-through Category 5 Ethernet cable, used to link WAN interface to xDSL or CM for Internet connection.

3 Acer WLAN 11b Broadband Router.

Check package contents:

- ✓ Acer WLAN 11b Broadband Router
- ✓ DC 9V Power Adapter
- ✓ User's manual CD-ROM

Collect Installation Information:

WAN configuration (Contact your ISP or network administrator for these information)

- ○ ***Attain IP Automatically (DHCP)***
- ○ ***Fixed IP***

IP Address	□□□.□□□.□□□.□□□
Subnet Mask	□□□.□□□.□□□.□□□
Default Gateway	□□□.□□□.□□□.□□□
DNS Address	□□□.□□□.□□□.□□□

- ○ ***PPPoE***

User Name	
Password	

LAN configuration

IP Address	□□□.□□□.□□□.□□□
Subnet Mask	□□□.□□□.□□□.□□□
Default Gateway	□□□.□□□.□□□.□□□
DHCP Client Range	□□□.□□□.□□□.□□□–□□□.□□□.□□□.□□□

WLAN configuration

SSID	
Channel Number	

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Parts and Functions of Acer WLAN 11b Broadband Router:

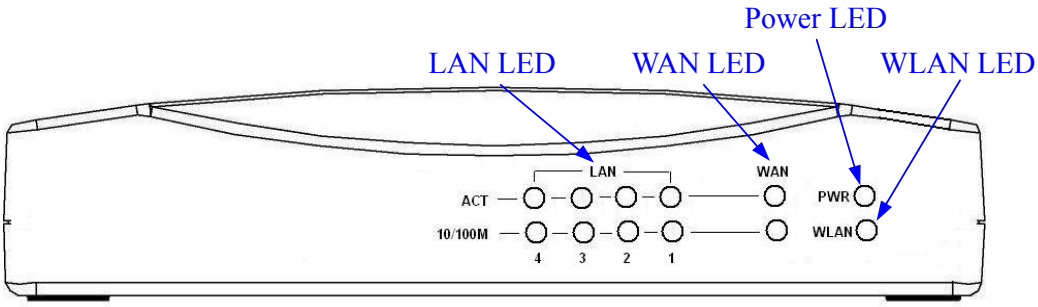

Figure 1 – Acer WLAN 11b Broadband Router Front Panel

LED Indicator	State	Description
1. Power LED	On	Acer WLAN Broadband Router is powered on.
	Off	Acer WLAN Broadband Router is powered off.
2. WLAN Activity LED	Flashing	Data is transmitting or receiving on the antenna.
	Off	No data is transmitting or receiving on the antenna.
3. WAN ACT LED	Flashing	Data is transmitting or receiving on the WAN interface.
	Off	No data is transmitting or receiving on the WAN interface.
4. WAN 10/100M LED	On	Connection speed is 100Mbps on WAN interface.
	Off	Connection speed is 10Mbps on WAN interface.
5. LAN ACT LED	Flashing	Data is transmitting or receiving on the LAN interface.
	Off	No data is transmitting or receiving on the LAN interface.
6. LAN 10/100M LED	On	Connection speed is 100Mbps on LAN interface.
	Off	Connection speed is 10Mbps on LAN interface.

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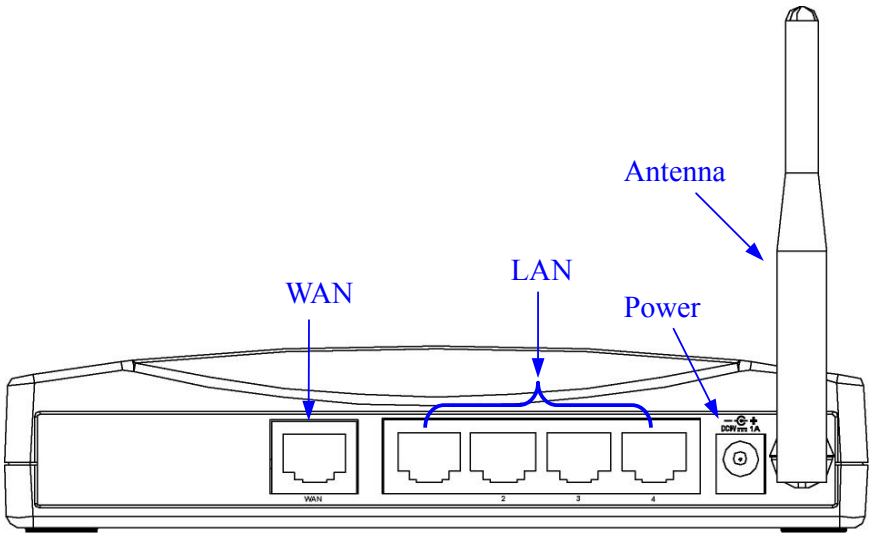

Figure 2 – Acer WLAN 11b Broadband Router Rear Panel

Interfaces	Description
1. WAN	The RJ-45 socket allows WAN connection through a Category 5 cable. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/ 802.3u respectively.
2. LAN	The RJ-45 sockets allow LAN connection through Category 5 cables. Support auto-sensing on 10/100M speed and half/ full duplex; comply with IEEE 802.3/ 802.3u respectively.
3. Power	The power jack allows an external DC +9 V power supply connection. The external AC to DC adaptor provide adaptive power requirement to the WLAN Broadband Router.
4. Antenna	The Wireless LAN Antenna.

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Quick Installation Guide of Acer WLAN 11b Broadband Router

Installation

Step One – Power On Acer WLAN 11b Broadband Router

Connect DC 9V Power Adapter to Acer WLAN 11b Broadband Router and the wall power jack.

Notice: It will take about 25 seconds to complete the boot up sequence after powered on the Acer WLAN 11b Broadband Router; all LEDs are blank while booting except the Power LED, and after that the WLAN Activity LED will be flashing to show the WLAN interface is enabled and working now.

Step Two – Configure Acer WLAN 11b Broadband Router

1. Connect your PC to LAN port for configuration setting

   Acer WLAN 11b Broadband Router is delivered with the following factory default parameters on the Ethernet LAN interfaces.

   Default IP Address**:** ***192.168.1.254***

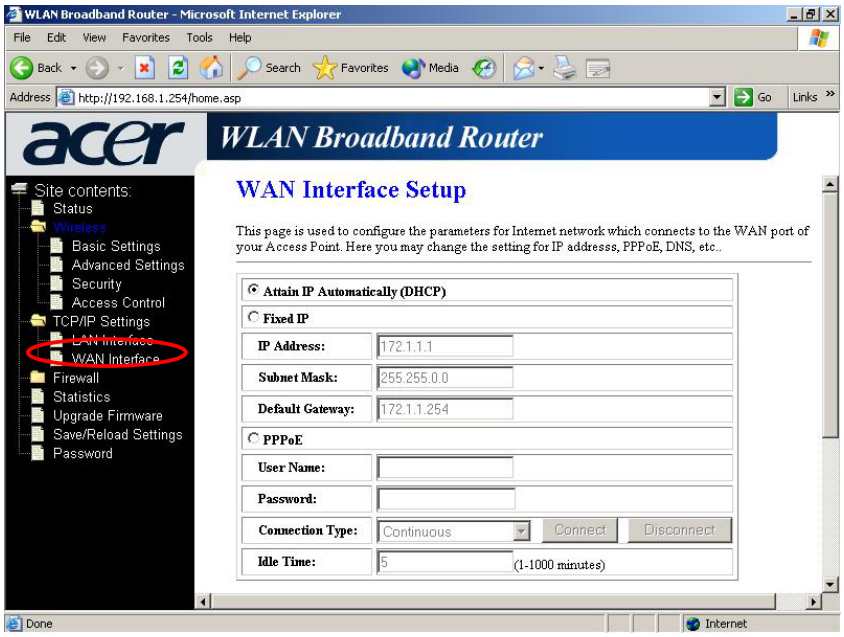
   Default IP subnet mask**:** ***255.255.255.0***

   WEB login User Name**:** ***<empty>***

   WEB login Password**:** ***<empty>***

   Configure your PC with IP address between 192.168.1.1 to 192.168.1.253 and subnet mask to be 255.255.255.0, then open an Internet browser (i.e. Microsoft IE) to connect Acer WLAN 11b Broadband Router by entering http://192.168.1.254 to URL field.

2. Configure WAN port configuration



Configure the WAN interface by the information collected in the Preparation section.

The default setting: Attain IP Automatically (DHCP), means the WAN will get IP address from your ISP or your network DHCP server.

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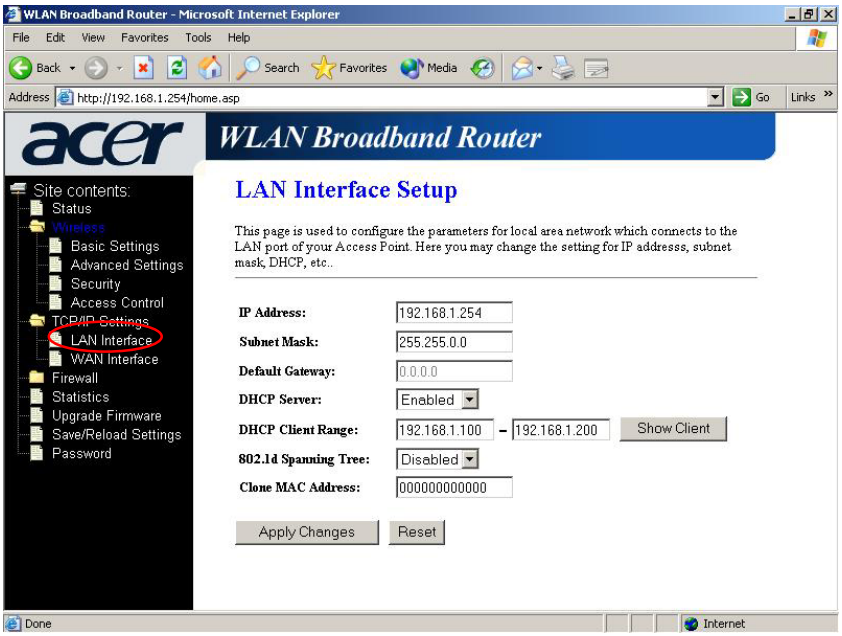
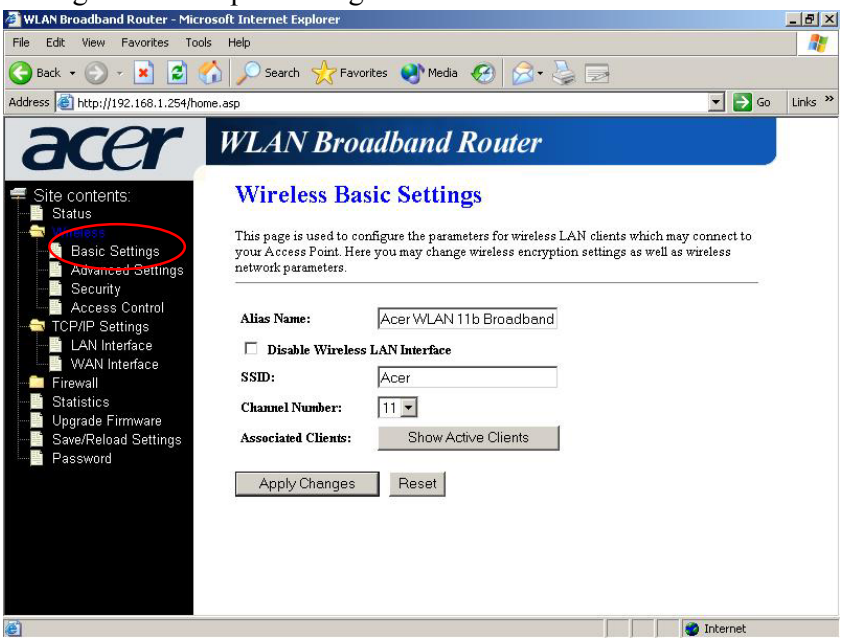
3. Configure LAN port configuration



Configure the LAN interface by the information collected in the Preparation section.

The default setting:
IP address is 192.168.1.254,
subnet mask is 255.255.255.0,
DHCP server enabled with
DHCP client range from
192.168.1.100 to
192.168.1.200.

4. Configure WLAN port configuration



Configure the WLAN interface by the information collected in the Preparation section.

The default setting:
SSID is Acer,
Channel number is 11.

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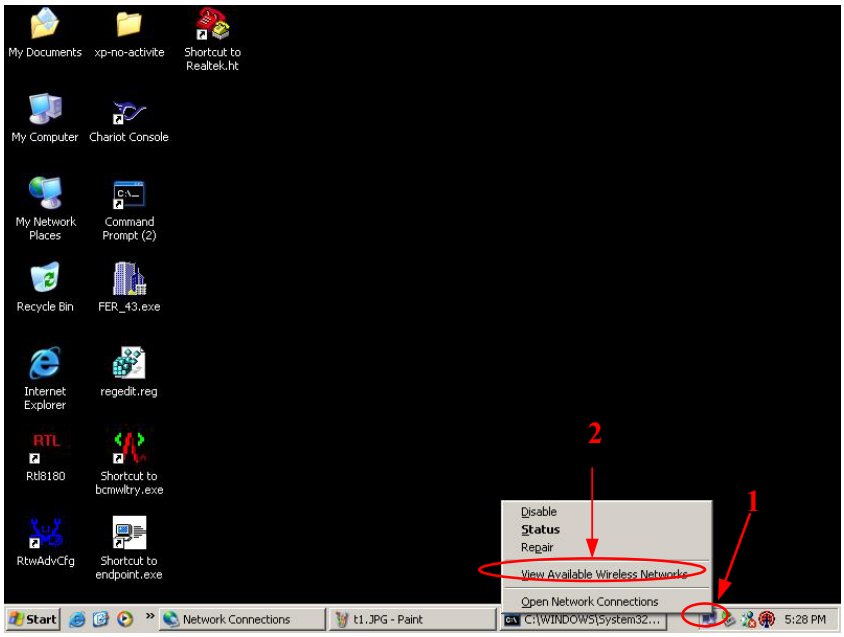
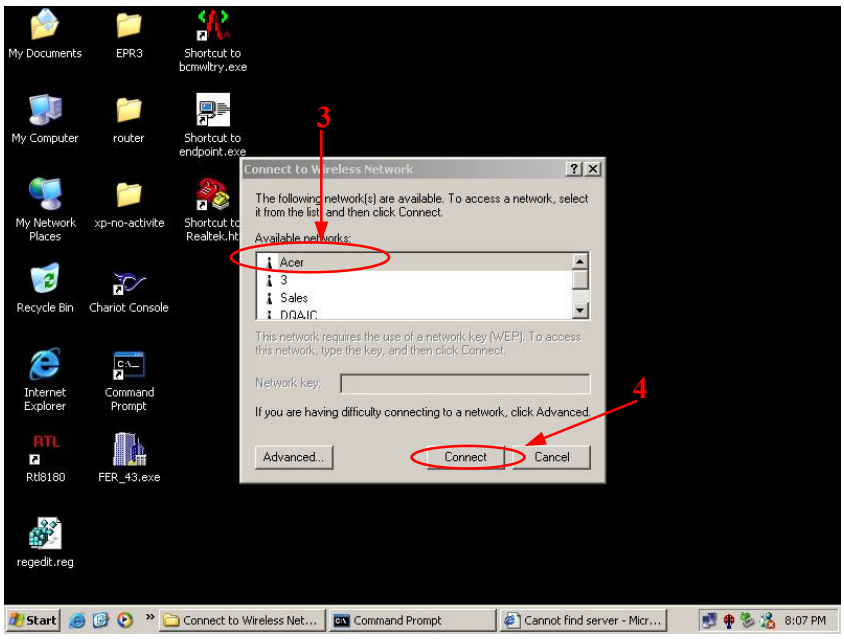
Step Three – Connect WLAN client to Acer WLAN 11b Broadband Router wirelessly



On your wireless client PC:

1. Move your mouse to the Network icon on the Task bar and right click the mouse button to bring up the pop-up menu.

2. Click the View Available Wireless Networks on the pop-up menu.



3. Select the specific WLAN network (SSID) from the Available Networks list.

4. Click the Connect button to establish the communication link to the wireless network.

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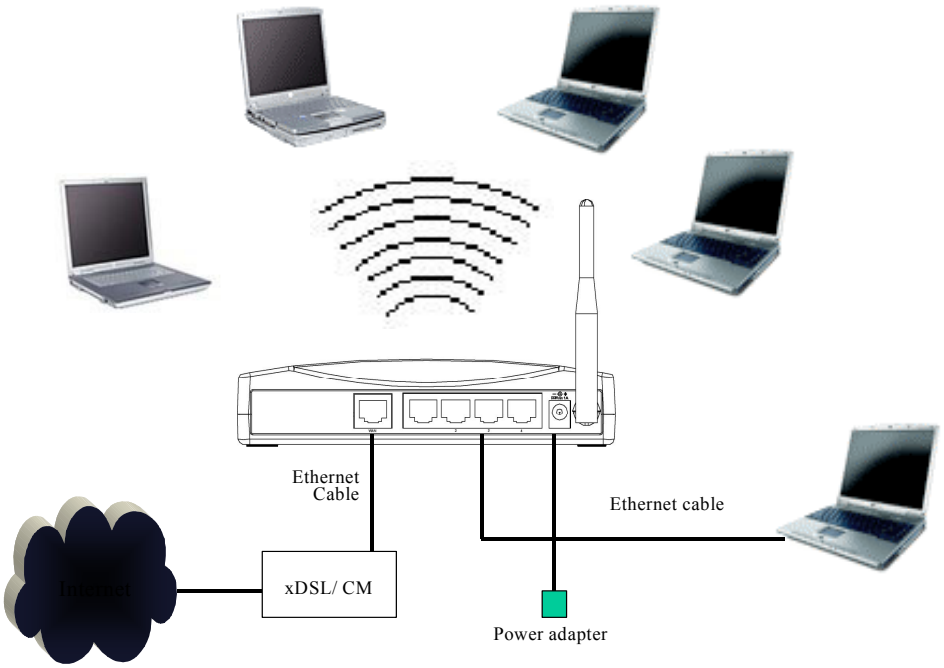

The wireless network diagram of Acer WLAN 11b Broadband Router

Reference

Please consult the user's manual of Acer WLAN Broadband Router for detailed and complete operation guide.

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